



Form GSOP 1-PIN (04/98)

STATE OF CALIFORNIA
Department of General Services - Office of Procurement

PURCHASE ORDER

Page 1

Purchase Order No. Rev. Date
62319 3/12/2009

Supplier No. 813347	Solicitation No. 57225	Delivery Date As Specified	FOB Point Destination	Invoice Terms N45
S CALTRANS DIV AERONAUTICS h T IVAN AIR RAMP i o 5963 FREEPORT BLVD p SACRAMENTO, CA 95822 Attn: PHIL MILLER (916)653-9531		C DEPT. OF TRANSPORTATION h a T MAINT PGM MS# 77 RM 3120 r o P.O. BOX 942874 g e SACRAMENTO, CA 94274-0001		
Agency Billing 60090	Agency Purchase Estimate 22-0445JW	Purchase Estimate 67346	Revision 3	
Agency Contact JOHN WILLIAMS		Phone 916-227-6031	Date Received	

Phone: 858-576-5000

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
<p>THE GENERAL PROVISIONS FOR NON-IT COMMODITIES ARE HEREBY INCORPORATED BY REFERENCE. THESE GENERAL PROVISIONS CAN BE OBTAINED BY PHONING (916) 375-4400 OR BY ACCESSING OUR WEBSITE AT:</p> <p>http://www.documents.dgs.ca.gov/pd/modellang/GPnonIT03-27-06Final.pdf</p> <p>AIRCRAFT FIXED WING - PIPER MALIBU MATRIX PA46R-350T (AS DESCRIBED), MEETING THE REQUIREMENTS OF THE ATTACHED SPECIFICATION 1510-0553 OF NINE (9) PAGES DATED JANUARY 16, 2009.</p>						
1	1	EA	1510-999-9999-0	AIRCRAFT FIXED WING (AS DESCRIBED)	955,900.0000	955,900.00
<p>PER ATTACHED PROCUREMENT SPECIFICATION 1510-0553 "STATE OF CALIFORNIA BID SPECIFICATION SINGLE-ENGINE AIRCRAFT" DATED JANUARY 16, 2009 OF 7 PAGES AND QUESTIONNAIRE FOR SINGLE-ENGINE AIRCRAFT OF 2 PAGES.</p> <p>Brand: <u>PIPER MALIBU MATRIX PA46R-350T</u></p>						
2	1	EA	1510-151-0103-0	AIRPLANE OPTIONAL EQUIPMENT (AS DESCRIBED) DISTANCE MEASURING EQUIPMENT (DME)	12,500.0000	12,500.00
Total Value:						968,400.00
<p>FOB DESTINATION:</p> <p>FOR THE PURPOSE OF THIS PURCHASE ORDER, ONLY F.O.B. DESTINATION WILL BE ACCEPTED. AIRCRAFT DELIVERY SHALL BE TO THE FOLLOWING ADDRESS:</p> <p>DEPARTMENT OF TRANSPORTATION, DIVISION OF AERONAUTICS IVAN AIR RAMP EXECUTIVE AIRPORT 5963 FREEPORT BLVD. SACRAMENTO, CA 95822</p> <p>GS #MART:</p> <p>THE STATE RESERVES THE RIGHT TO SELECT THE FORM OF PAYMENT FOR ALL PROCUREMENTS, BY IT EITHER AN OUTRIGHT PURCHASE WITH PAYMENT RENDERED</p>						

Sales and/or use tax to be extra unless noted above

Buyer JOHN MEDEIROS	Phone 916-375-4412	BOC Number
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Department of General Services - Office of Procurement

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Form GSOP 2-PIN (04/98)

<i>Purchase Order No.</i>	<i>Revision</i>	<i>Date</i>	<i>Supplier No.</i>	<i>Supplier Name</i>
62319		3/12/2009	813347	SOUTHERN CALIFORNIA PIPER LLC

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
				<p>DIRECTLY BY THE STATE, OR A FINANCING/LEASE-PURCHASE OR OPERATING LEASE VIA THE STATE FINANCIAL MARKETPLACE (GS #MART AND/OR LEASE #MART). IF PAYMENT IS VIA THE FINANCIAL MARKETPLACE, THE SUPPLIER WILL INVOICE THE THE STATE-SELECTED LENDER/LESSOR FOR ALL PRODUCT LISTED ON THE STATE'S PROCUREMENT DOCUMENT; IN TURN, THE LENDER/LESSOR WILL PAY THE SUPPLIER ON BEHALF OF THE STATE.</p> <p><u>CHANGE ORDERS:</u></p> <p>This Purchase Order may be amended, modified, or terminated at any time by mutual agreement of the parties in writing. Change orders amending, modifying or terminating the Purchase Order, including any modifications of the compensation payable, may be issued only by the State Procurement Officer. All such change orders shall be in writing and issued only upon written concurrence of the supplier. Termination, as that term is used in this section, does not include termination for default of the supplier.</p> <p><u>STATE CONTRACTS AND PROCUREMENT REGISTRATION:</u></p> <p>This Purchase Order has been registered into the State Contracts and Procurement Registration System (https://www.scprs.dgs.ca.gov). The Registration Number is: 26600309362176</p>		



STATE OF CALIFORNIA
BID SPECIFICATION
SINGLE ENGINE AIRCRAFT

1510-0553

1. SCOPE

It is the intent of this specification to describe minimum requirements for purchase of a new and current production single-engine aircraft to be used by the California Department of Transportation, Division of Aeronautics.

2. DEFINITION:

New Aircraft: For the purpose of this specification, an aircraft that is in current production and in excellent condition with ≤ 100 hours of demonstrated flight is considered a New Aircraft.

TECHNICAL SPECIFICATIONS

3. REQUIREMENTS:

- 3.1 Aircraft shall be equipped with original standard equipment when the aircraft was certified or FAA approved equivalent replacements.
- 3.2 All the equipment that is required for the aircraft to operate under FAR Part 91 Flight Rules for visual, night or instrument flight conditions.
- 3.3 Communication equipment and radios installed shall have been accepted for use in the aircraft type by FAA and installed in accordance with Parts 78 and 90 of Federal Communication Commission's (FCC) rules and regulations.
- 3.4 As prescribed in Section 90.443 and 90.445 of the FCC Rules and Regulations, records for each radio or transmitter shall accompany the aircraft.
- 3.5 As prescribed in part 43 of the FAA Regulations, copies of each required and approved supplemental type certificates and FAA Major Repair & Alteration Form 337(s) shall accompany the aircraft at the time of delivery to agency.
- 3.6 Aircraft wiring shall have been installed in accordance with FAA Advisory Circular 42.13-1 Chapter 11. All wiring harnesses and connectors wires shall be identified using markers located at two feet intervals.
- 3.7 All materials, parts and equipment comprising the aircraft shall have been new and unused at the time of aircraft manufacture or installation. The aircraft shall be free from all defects or imperfections affecting performance or appearance.

4. DOCUMENTATION:

Following documentation shall accompany the aircraft at the time of delivery to California Department of Transportation, Division of Aeronautics:

- 4.1 Aircraft Air Worthiness and Normal Category Certification issued by Federal Aviation Administration.

- 4.2 Records of annual inspection per FAR 43 within 90 days prior to the delivery of the aircraft. Records of 100-hrs inspection within previous 50 flight hrs (If applicable).
- 4.3 All aircraft and equipment manuals, operators manual, airframe and engine logbooks, weight and balance forms, maintenance records, records of all manufactures' service bulletins, airworthiness directives and other service letters issued to the aircraft type.
- 4.4 Two copies of professionally produced working drawing or schematics showing complete installations of all equipment and wiring in the aircraft. The schematics and drawings shall be "C" size engineering (approx. 20" x 30") drawing reproduction prints. Diagrams or drawings shall clearly state/show locations and reference flight station of the all equipment in the aircraft.
- 4.5 A copy of manufacturer's warranty for every piece of installed or delivered equipment, including airframe and engines. Copies of all technical data sheets for installed radio equipment also shall be included.
- 4.6 All documents supplied shall bear appropriate aircraft identification number (tail number) permanently printed on them
- 4.7 All registration and aircraft ownership document shall bear the following:
 - State of California,
 - Department of Transportation,
 - Division of Aeronautics
 - 1120 N Street, Room 3300,
 - Sacramento CA 95814-5605

5. AIRCRAFT CONFIGURATION AND PERFORMANCE

- 5.1 Aircraft shall have a single-engine, retractable landing gear, wing flaps, steerable nose wheel, with a useful load of $\geq 1,400$ lbs.
- 5.2 The Aircraft shall have a usable fuel capacity ≥ 100 usable gallons.
- 5.3 The aircraft will have the ability to take-off from a 2,800 ft runway over a 50 foot obstacle at maximum useful load at sea level on a standard day (ISA).
- 5.4 Aircraft shall be equipped with a minimum of;
 - Wingtip and tail strobe light system,
 - Navigation lights,
 - Pulse lights,
 - Cockpit dome light,
 - Omni-Flash beacon,
 - Landing and taxi lights,
 - Entry door courtesy lights,
 - Panel lighting.
- 5.5 The aircraft shall be capable of reaching and maintaining a cruise speed of ≥ 185 Knots True Airspeed, and a maximum gear and flap extend speed of ≥ 160 Knots Indicated Air Speed.

- 5.6 Aircraft shall have a maximum service ceiling $\geq 20,000$ ft with a fuel burn ≤ 65 gallons per hour. The aircraft shall be able to climb at a minimum of 1000 fpm from sea level on a standard day. Aircraft stall speed shall be ≤ 70 Knots IAS at maximum gross weight. The aircraft shall have a fight range of ≥ 800 nautical miles at normal cruise speed.
- 5.7 Aircraft shall be factory equipped with speed brakes if a standard installation or a production option.

6. AIRCRAFT AIR FRAME

Aircraft fuselage shall have the following characteristic, abilities and configurations:

- 6.1 Aircraft shall have seating arrangement for ≥ 6 occupants including pilot and copilot.
- 6.2 Aircraft shall have following dimensions:
 - 6.2.1 Cabin length ≥ 145 ",
 - 6.2.2 Cabin height ≥ 45 "
 - 6.2.3 Cabin width ≥ 45 "
- 6.3 Aircraft shall be factory equipped for flight into known icing. Including wing ice protection (boots or wet-wing), empennage ice protection (boots or wet wing), propeller ice protection (heated), and windshield ice protection (heated).
- 6.4 Aircraft shall be factory equipped with a pressurization system or an integrated supplemental oxygen system.
- 6.5 Pressurized aircraft shall be equipped with a factory built-in emergency oxygen system.
- 6.6 Aircraft shall be factory equipped with cabin air conditioning & forced ventilation systems.

7. AIRCRAFT ENGINE

- 7.1 The engine may be Lycoming, Continental, Pratt & Whitney, or Garrett AiResearch.
- 7.2 The engine shall be capable of producing ≥ 300 lbs break horsepower.
- 7.3 The engines shall drive ≥ 3 blades, constant speed, heated, propeller, and have two 28 Volt, 75 Amp alternators (or system of equal or greater capability).
- 7.4 The engines shall be capable of using 100 low lead grade aviation fuel or Jet-A fuel.
- 7.5 Aircraft shall be equipped with key cabin door and storage compartment keyed locks, and an electronic ignition and starter system.
- 7.6 Engines shall be equipped with but not limited to the following;

* Electric starter,	* Dual vacuum pump systems,
* Dual shielded magneto ignition system,	* Engine induction air filters,
* Alternate air valves,	* Fuel flow filters,
* Quick oil drain	* Engine mufflers.
* Cabin mounted throttle and engine control,	* Electric auxiliary fuel pump

8. AIRCRAFT INSTRUMENTATION AND EQUIPMENT

Aircraft shall be equipped as a minimum with the following instrumentation (substitutions may be granted for comparable or upgraded equipment with like or more advanced capabilities):

- 8.1 All standard equipment as advertised by the manufacturer at the time of the aircraft production or FAA approved replacement(s).
- 8.2 Avionics Power Switch and Master Switch 1 each
- 8.3 Garmin GNS 430 or 530 GPS or equivalent / NAV/COM / GS /
Moving map / Wide Area Augmentation System (WAAS) 2 each
- 8.4 Garmin GTX 330 Transponder with Traffic Information System 1 each
- 8.5 Garmin GMA 340 Audio Panel (Marker Beacon and Stereo Output).. 1 each
- 8.6 Avidyne Entegra Flat Panel Display System (Full WAAS Capable) ... 1 each
- 8.7 EMax Engine Indicating System Display 1 each
- 8.8 Pilot's Electronic Primary Flight Display (PFD) 1 each
- 8.9 Magnetic Compass 1 each
- 8.10 S-TEC System 55X Auto Pilot/Flight Director System 1 each
- 8.11 Standby Mechanical Flight Instruments 1 each
- 8.12 Annunciator Panel 1 each
- 8.13 Flight Time Recorder (Hobbs Meter equivalent) 1 each
- 8.14 Ships Powered Bose Headset Ready Jacks (all position) 6 each
- 8.15 Bose Aviation Headset X (Panel Powered) 2 each
- 8.16 Oxygen Pressure Gauge (aircraft with supplemental oxygen) 1 each
- 8.17 Emergency Oxygen Pressure Gauge (pressurized aircraft) 1 each
- 8.18 CMax-Electronic Approach Charts 1 each
- 8.19 Multi-Link System for Sirius Aviation Weather 1 each
- 8.20 406 MHz Emergency Locator Beacon (ELT) 1 each
- 8.21 External Audio Input Jack to Aircraft Audio Panel 1 each
- 8.22 Skywatch HP Traffic/Collision Avoidance System (TCAS)..... 1 each

9. OPERATIONAL AND PERFORMANCE REQUIREMENTS

- 9.1 The airplane shall be capable of operating under the following conditions, while meeting manufacturers' published performance criteria;
 - Unless otherwise stated, the conditions present will be a standard day (ISA) at sea level with a standard temperature (59 degrees Fahrenheit) and the airplane at maximum gross weight.
- 9.2 The performance must be supported by FAA approved manufacturer performance charts for the make and model of the aircraft presented in the bid.

ADMINISTRATION REQUIREMENTS

10. EVALUATION

- 10.1 Upon arrival of the aircraft in Sacramento, it shall be inspected by the Department of Transportation, Division of Aeronautics chief pilot or designee and Department of General Services, Procurement Engineer or designee.
- 10.2 All required documentation and certification will be inventoried; any shortage will be noted and must be provided by the bidder before the state will accept the aircraft as fully delivered.
- 10.3 Aircraft will be flight tested as deemed necessary by the chief pilot or his designee; any deficiencies shall be noted and must be corrected before the aircraft's transfer to the state is completed.
- 10.4 Upon acceptance of the aircraft, all required documentation and certifications by the state, the bidder will provide the state with three copies of his invoice for payment.
- 10.5 Contractors may submit a bid to accept a trade-in for a State owned and operated 1969 Beechcraft Bonanza E33 to be applied against the sale price of the purchased aircraft. Contact the Division of Aeronautics Maintenance Officer Dan Gargas at (916) 654-5222 for information, and to arrange a pre-bid inspection of the aircraft.
- 10.6 The State reserves the right to select the form of payment for all procurements, be it either an outright purchase with payment rendered directly by the State, or a financing/lease-purchase or operating lease via the State Financial Marketplace (GS \$Mart and/or Lease \$Mart). If payment is via the financial marketplace, the Supplier will invoice the State-selected Lender/Lessor for all product listed on the State's procurement document; in turn, the Lender/Lessor will pay the supplier on behalf of the State.
- 10.7 If a supplier has a financing partner that would like to qualify for the GS \$Mart program, please go the GS \$Mart web site (<http://www.orim.dgs.ca.gov/gsmart/default.htm>) and click on the link for Lender Qualifications.

11. DELIVERY AND WARRANTY

- 11.1 The aircraft delivered to the state shall be complete, in excellent condition and fully available for use and operation within 60 days after the receipt of order (ARO).
- 11.2 Aircraft will be delivered painted white with metallic blue and green detailed striping.
- 11.3 The delivered aircraft shall be warranted against any defect, workmanship, corrosion for a period not less than 2 calendar years, from the date that the aircraft was put in service by the Department of Transportation, Division of Aeronautics.

- 11.4 If the manufacturer offers an extended factory warranty program, the bidder is encouraged to include, as an option, the cost of the extended warranty for up to an additional 3-year period.
- 11.5 A copy of manufacturer's warranty for every piece of installed or delivered equipment, including airframe and engines shall be supplied by the bidders with the bid package.
- 11.6 All warranty work, if required, will be performed as follows:
- 11.7 State will obtain an estimate of cost for repair or correction from a local repair station certified by FAA.
- 11.8 State will notify the bidder of needed work under warranty and will forward a copy of the estimate to the bidder.
- 11.9 Vendor shall contact the repair station suggested by the state or another FAA certified shop of his choosing within 24 hours and provide authorization to begin the repair work and make arrangement with repair shop for direct payment should the aircraft be deemed non-airworthy due to defect, workmanship or corrosion of a warranty item. Otherwise, the State will, if required, contact the nearest vendor designated repair facility and transport the aircraft to this facility for authorized warranty work.
- 11.10 To arrange for delivery and inspection schedules contact Dan Gargas at (916) 654-5222 / (916) 653-9531 (fax). Deliveries to be made during regular business hours.
- 11.11 Aircraft delivery shall be FOB to following address:
 - Department of Transportation, Division of Aeronautics
 - Ivan Air Ramp
 - Executive Airport
 - 5963 Freeport Blvd.
 - Sacramento CA 95822

12. GENERAL REQUIREMENTS

- 12.1 All equipment and accessories cataloged as standard, unless superseded by these specifications, are to be furnished and included in purchase price of this unit.
- 12.2 Bids will be considered only on equipment represented by a supplier capable of providing adequate repair parts, warranty, technical assistance and training in the United States as of the bid opening date. The supplier shall be capable of supplying repair parts to end user agency within five (5) working days after a purchase order for parts is submitted to the supplier, whether by telephone, fax, or mail. Bidders may be required to provide documentation supporting this requirement prior to award of the contract.
- 12.3 Suppliers shall be the equipment manufacturer, or an authorized factory dealer to solicit the equipment bid. The bidder shall be capable of providing parts, service, warranty and training for the equipment as specified herein.

- 12.4 Bids will not be considered if suppliers designated f.o.b. delivery destination is other than, delivery address stated in the invitation to bid.
- 12.5 All equipment/options are to be factory installed. If the equipment/options are not available as factory installed, dealer installed equipment/options may be acceptable. The bidder is to specify those items, which will be dealer installed.
- 12.6 A complete printed specification, published literature, photos or illustration of the proposed unit shall be furnished with each bid.
- 12.7 The fully completed attached questionnaire shall be a part of the bid package. Incomplete or missing questionnaire shall be a cause for the rejection of the bid.
- 12.8 A copy of manufacturer's warranty for every piece of installed or delivered equipment, including airframe and engines may be required for evaluation of the bid before award of the contract.
- 12.9 Incomplete bid packages are (missing or incomplete questionnaire, missing warranties, etc.) subject to rejection and will not be considered as a valid bid.
- 12.10 Bidder will include an aircraft manufacture approved initial aircraft orientation and training program for eight (8) pilots to be completed within two (2) years of aircraft delivery, at the discretion of the State. Course topics shall include, but not be limited to the following:
- | | |
|------------------------|------------------------------------|
| Aircraft General, | Powerplant, |
| Aircraft Fuel System, | Normal Procedures Checklist, |
| Powerplant Management, | VMC and IMC Simulator Orientation, |
| Electrical Systems, | Flight Controls/Wing Flaps, |
| Flight Instruments, | Landing Gear, |
| Flight Profiles, | Emergency Procedures, |
| Systems Failures, | Instrument Approaches, |
| Environmental Systems, | Anti-ice/Deice, |
| Weight and Balance, | Avionics and Autopilot, |
| High Altitude Flight. | |

QUESTIONNAIRE

Solicitation Number: _____

NOTES: This questionnaire shall become part of the bid and take precedence over accompanying literature.

The bidder must complete the following in full and submit it with the bid.

1. Make:.....
2. Year Manufactured:.....
3. Registration Number:.....
4. Serial Number:.....
5. Total Flight Hrs:
6. Engine:.....
7. Wingtip Strobe Light System Installed ☐ Yes ☐ No
8. Garmin GNS 430 (or higher) GPS/NAV/COM with moving map system..... ☐ Yes ☐ No
9. Garmin GTX 330 (or comparable) Transponder ☐ Yes ☐ No
10. Garmin GMA 340 (or comparable) Audio Panel..... ☐ Yes ☐ No
11. Avionics Power Switch and Master Switch..... ☐ Yes ☐ No
12. Avidyne Entegra (or comparable in performance) Flat Panel Display System
(with Full WAAS Capability) ☐ Yes ☐ No
13. Pilot's Electronic Primary Flight Display (PFD)..... ☐ Yes ☐ No

14. S-TEC System 55X (or comparable) Auto Pilot/ Flight Director System..... ☐ Yes ☐ No
15. Standby Electrical Flight Instruments ☐ Yes ☐ No
16. Annunciator Panel ☐ Yes ☐ No
17. Hobbs Meter (Flight Time Recorder) ☐ Yes ☐ No
18. Ships Powered Bose Headset Ready (6 positions) ☐ Yes ☐ No
19. Oxygen Pressure Gauge..... ☐ Yes ☐ No
20. CMax-Electronic Approach Charts ☐ Yes ☐ No
21. Multi-Link System for Sirius Aviation Weather ☐ Yes ☐ No
22. Skywatch HP Traffic / Collision Avoidance System (TCAS) ☐ Yes ☐ No
23. 406 Emergency Locator Beacon (ELT) ☐ Yes ☐ No
24. Oxygen Masks and Oxygen Ports (≥ 6 position) provided..... ☐ Yes ☐ No
25. Is selection possible for fabric and paint color provided..... ☐ Yes ☐ No
26. Please list any additional information or exception below. Use a separate piece of paper if needed and attach.

Warranty Provider: _____

